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50X1-HUM

DAVIDOV, B. I.

1935-37 -- Worked on movement of electrons in strong fields.

1940 -- Worked with I. M. Shmashkevich at LFTI on calculation of relation between electron movement and field strength.

1942 -- Studied increase in number of free electrons in semiconductor in strong field. Worked out diffusion theory of rectification at LFTI.

DOSEV, O. V.

1931-40 -- Studied luminescence of crystalline carborundum.

DURAYEV, Yu. A.

1937-40 -- Worked at LFTI with B. V. Kurchatov on sulfide rectifiers.

FEDORUS, G. A.

1937-40 -- Worked with B. I. Lyashenko at Physics Inst, Acad Sci, Ukrainian SSR on low-temperature conductivity.

FERNEL', Ya. I.

1931-32 -- Theoretical studies of quantum effect.

1936 -- Criticized application of Blokh-Payerl's electronic theory to nonmetallic crystals. Studied Dember effect. Studied movement of electrons in crystals.

GEYKHAN, D. S.

1938 -- Worked at Kiev on sulfide-silver photoelectric cells.

GINKHURG, B. M.

1935-40 -- Worked with Yu. P. Maslakovets and M. S. Smirnskiy in LFTI on thermoelectric phenomena.

IOFFE, A. F., Acad

1904-22 -- Worked on ionic conductivity, partly with V. K. Roentgen in Munich, partly at Petrograd Polytech Inst.

1931-34 -- Theoretical study of quantum effect.

1937-38 -- Worked with A. V. Ioffe on behavior of conductors in strong fields. Worked with A. V. Ioffe on relation between rectification and contact potential difference between metallic electrode and semiconductor.

IOFFE, A. V.

1937-38 -- Worked with Acad A. F. Ioffe on behavior of conductors in strong fields. Worked with Acad A. F. Ioffe on relation between rectification and contact potential difference between metallic electrode and semiconductor.

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KIKOIN, I. K.

1932 -- Measured Hall effect in cuprous oxide with M. N. Noskov at LFTI.

1934 -- Worked with M. N. Noskov at Sverdlovsk (Ural FTI) on Hall effect.

KOLONIYETS, B. T.

1938 -- Designed sulfur-thallium photoelectric cells at LFTI.

KOMPAKEYETS, A.

1934 -- Worked with L. D. Landau at LFTI on movement of electrons in strong fields.

KURCHATOV, B. V.

1935 -- Worked with V. P. Zhuze at LFTI on electroconductivity of cuprous oxide.

c.1935 -- Studied effect of impurities on conductivity of MoO_3 , VO_5 , etc., at various temperatures in collaboration with A. N. Arsen'eva.

1937-40 -- Worked at LFTI with Yu. A. Dunayev on sulfide rectifiers.

LANDAU, L. D.

1934 -- Worked with A. Kompaneys at LFTI on movement of electrons in strong fields.

c.1935 -- Published small but important note on theory of free electrons in ideal crystalline lattice. Studied Dember effect.

LASHKAREV, V. Ye.

1940 -- Worked at Kiev on electromotive force of thermoelectric cell.

LEVINSKY, A. Z.

c.1940 -- Worked with P. V. Sharevskiy at LFTI on rectifiers.

LIFSITS, Ye. M.

c.1940 -- Studied Dember effect.

LUTSKOY, P. I.

c.1917 -- Observed Hall's effect in photoconductivity of salt.

LYASHENKO, B. I.

1937-40 -- Worked with G. A. Fedorus at Phys Inst, Acad Sci, Ukrainian SSR on low-temperature conductivity.

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MASIAKOVETS, Yu. P.

1931 -- Studied photoelectric cells at LFTI.

1935-40 -- Worked with B. M. Gokhberg and M. S. Sominskiy at LFTI on thermoelectric phenomena.

MOIDAVER, T. I.

c.1940 -- Worked in factory laboratory on rectifiers.

NASLEDOV, D. N.

1935 -- Worked with L. M. Nemenov at LFTI on low-temperature conductivity.

NEMENOV, L. M.

1935 -- Worked with D. N. Nasledov at LFTI on low-temperature conductivity.

NOSKOV, M. N.

1932 -- Measured Hall effect in cuprous oxide with I. K. Kikoin at LFTI.

1934 -- Worked with I. K. Kikoin at Sverdlovsk (Ural FTI) on Hall effect.

PEKAR', S. I.

Worked at Kiev on diffusion theory of rectification.

REKNE, V. T.

c.1940 -- Worked in factory laboratory on rectifiers.

RUBINOV, L. I.

1934 -- Worked at LFTI, measuring electroconductivity of carborandum.

SHANUVKII, P. V.

c.1940 -- Worked at LFTI. Produced cuprous oxide with normal electronic conductivity. Worked with A. Z. Levinson at LFTI on rectifiers.

SHCHENKOVICH, I. M.

1940 -- Worked with B. I. Davydov on calculating relation between electron movement and field strength.

SOMINSKIY, M. S.

1935-40 -- Worked with B. M. Gokhberg and Yu. P. Maslakovets at LFTI on thermoelectric phenomena.

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TARTAKOVSKIY, P. S.

Studied photoconductivity of alkali-halide crystals.

ZHUZE, V. P.

1932 -- Worked with B. V. Kurchatov at LPTI on electroconductivity of
supraoxide.

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